Index of Claims

| Application/Control No. | Applicant(s)/Patent under Reexamination |  |  |  |  |  |  |  |  |  |
|-------------------------|---|--|--|--|--|--|--|--|--|--|
| 10/770,123              | SUNDERMANN ET AL.                       |  |  |  |  |  |  |  |  |  |
| Examiner                | Art Unit                                |  |  |  |  |  |  |  |  |  |
| Charanjit S. Aulakh     | 1625                                    |  |  |  |  |  |  |  |  |  |

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|--------|------------|---------|--|-----------|----------------|------------------|------------|-------------|----------|----------|-----------|----------|-----------|----------|----------|---------------|-------|-------|----------|----------|----------|----------|----------|---------------|----------|----------|-----------|----------|
|        | -          |         |  |           |                |                  |            |             | -        |          |           | T        |           |          |          |               | ]     |       | <u> </u> |          |          |          |          |               |          |          |           |          |
| Final  | Original   | 7/21/05 | 1  |           |                | -                |            | Final       | Original | 7/21/05  |           |          |           | İ        | il       |               |       | Final | Original |          |          |          |          |               |          |          |           |          |
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|        | 1          | 1       |  | $\top$    |                |                  | _          |             | 51       | V        |           |          | T         | Т        |          |               | 1     |       | 101      |          |          |          |          |               |          |          | コ         | П        |
|        | 2          | /N      | TT   |           |                |                  |            |             | 52       | V        |           | _ -      | T         | Т        |          |               |       |       | 102      |          |          |          |          |               |          | П        | $\neg$    | П        |
|        | 3          |         |  |           |                |                  |            |             | 53       |          | П         | 7        | 1         | $\top$   | П        |               | 1     |       | 103      |          |          |          |          |               |          | $\Box$   | $\neg$    | П        |
|        | 4          | П       |  |           | $\neg$         |                  |            |             | 54       |          | $\neg$    | $\neg$   | T         | Т        |          |               |       |       | 104      |          |          |          | П        |               |          |          | $\neg$    |          |
|        | 5          | П       |  |           |                | - T              |            |             | 55       |          |           |          |           | T        |          | $\neg \vdash$ | 1     |       | 105      |          |          |          |          |               |          |          |           | П        |
|        | 6          | П       |  |           | П              |                  |            |             | 56       |          |           |          |           |          |          |               | 1     |       | 106      |          |          |          |          |               |          |          | $\neg$    | $\neg$   |
|        | 7          |         |  |           |                |                  |            |             | 57       |          |           |          | T         | Т        | П        |               | 1     |       | 107      |          |          |          |          |               |          | $\Box$   | $\neg$    |          |
|        | 8          | П       |  |           | П              |                  |            |             | 58       | П        |           |          | T         |          | П        |               |       |       | 108      |          |          |          |          |               |          | П        | T         | П        |
| $\Box$ | 9          | Ш       |  |           | П              |                  |            |             | 59       | П        | T         |          |           |          |          |               | 1:::: |       | 109      |          |          |          |          |               |          | П        | ヿ         | $\neg$   |
|        | 10         | П       |  |           |                |                  |            |             | 60       |          | T         |          |           | Т        | П        |               | 1     |       | 110      |          |          |          |          |               |          |          | コ         | $\neg$   |
|        | 11         |         |  |           |                | $\Box$           |            |             | 61       | П        | 一         |          |           |          |          |               | ]!!!! |       | 111      |          |          |          | П        |               |          | $\sqcap$ | 寸         | ヿ        |
|        | 12         |         |  |           |                |                  |            |             | 62       | П        | 一         |          | T         | Т        | П        |               | 1     |       | 112      |          |          |          | $\Box$   |               | П        | $\sqcap$ | $\dashv$  | $\neg$   |
|        | 13         |         |  | $\top$    |                | $\neg \neg$      |            |             | 63       |          |           | $\top$   |           | 1        | П        |               | 1     |       | 113      |          |          | П        | П        |               | П        | 丌        | $\dashv$  | $\neg$   |
|        | 14         |         | $\Box$   | $\top$    |                |                  |            |             | 64       | П        | 寸         | 十        | T         | T        | П        |               | 1     |       | 114      | Г        | П        | П        | П        |               | П        | 口        | $\dashv$  | $\neg$   |
|        | 15         |         |  | $\top$    | П              | $\neg$           |            |             | 65       | П        | 寸         | $\top$   | T         |          |          |               | 1     |       | 115      | П        | П        |          |          |               |          | ヿ゙       | $\dashv$  | $\neg$   |
|        | 16         | Ш       |  | 1         |                | $\neg$           |            |             | 66       | П        |           | $\neg$   | $\top$    |          |          |               |       |       | 116      |          |          |          |          |               |          | ヿ゙       | $\neg$    | $\neg$   |
|        | 17         | $\Box$  |  |           |                |                  |            |             | 67       | П        | $\neg$    | 1        | $\top$    | Τ        | $\Box$   |               | 1     |       | 117      |          | П        |          |          |               |          | 一        | $\dashv$  | $\dashv$ |
|        | 18         | Ш       |  | T         |                |                  |            |             | 68       |          |           | _        | _ _       |          |          |               | 1     |       | 118      |          | 7        | П        |          |               |          |          | $\exists$ | ᆿ        |
|        | 19         |         | 1-1-   | 1         |                |                  |            |             | 69       |          |           |          | 7         | $\top$   |          |               | 1     |       | 119      |          |          |          |          |               |          |          | $\exists$ | ヿ        |
|        | 20         |         |  | $\top$    |                | 11               |            |             | 70       | $\Box$   | 寸         | _ -      | 1         | 1        | П        |               |       |       | 120      | -        | П        | П        |          |               | П        | $\sqcap$ | $\dashv$  |          |
|        | 21         |         |  |           | $\vdash$       | _                |            |             | 71       |          | 寸         | $\neg$   | $\top$    | T        | П        | $\neg$        | 1     |       | 121      | Т        |          |          |          |               |          |          | $\dashv$  | $\dashv$ |
|        | 22         | $\Pi$   |  |           | $\vdash$       |                  |            |             | 72       | П        | T         | 十        | 1         |          |          | _             | 1     |       | 122      |          |          |          |          | $\overline{}$ | $\neg$   | $\neg$   | $\neg$    | 一        |
|        | 23         | $\Pi$   |  |           | $\vdash$       |                  | _          |             | 73       | П        |           | $\dashv$ | 十         | 1        | H        | $\neg$        |       |       | 123      |          | П        |          |          |               |          | $\neg$   | $\dashv$  | ᅥ        |
|        | 24         |         |  | 1         |                |                  |            |             | 74       | $\vdash$ |           | $\top$   | _         | $\top$   |          |               |       |       | 124      |          |          |          |          |               | _        | $\dashv$ | ヿ         | $\dashv$ |
|        | 25         |         |  |           | $\Box$         | $\dashv \dashv$  |            |             | 75       | $\vdash$ | 寸         | $\neg$   | _         |          |          | $\neg$        | 1     |       | 125      |          |          |          |          |               |          | $\neg$   | $\dashv$  | ᅱ        |
|        | 26         |         |  | $\top$    | $\vdash$       | _ _              |            |             | 76       | $\Box$   | $\neg$    | $\dashv$ |           | T        | Н        |               | 1     |       | 126      | $\vdash$ |          |          | $\dashv$ |               |          | $\neg$   | $\dashv$  | ᅱ        |
|        | 27         |         | 1-1-   | 1         |                |                  |            |             | 77       |          |           | $\neg$   | $\top$    |          | Н        |               | liiii |       | 127      |          |          |          |          |               |          | $\neg$   | $\dashv$  | ┨        |
|        | 28         |         |  | 1         |                |                  | 7          | · · · · · · | 78       | $\Box$   | $\dashv$  | $\neg$   | $\top$    |          | Н        |               |       |       | 128      |          |          |          |          |               |          | $\neg$   | $\exists$ | $\dashv$ |
|        | 29         |         | 111  |           |                | 11               | 7::::      |             | 79       |          | 7         | _        | 1         |          | Н        | _             |       |       | 129      | _        |          |          | $\dashv$ | $\neg$        |          | $\neg$   | $\neg$    | _        |
|        | 30         |         |  |           |                | $\dashv \dashv$  |            | •           | 80       |          | $\dashv$  | _        | +         | 1        |          |               | 1     |       | 130      |          | _        |          |          | _             |          | . +      | 寸         | ⊣        |
|        | 31         |         |  | $\top$    | $\neg$         |                  |            |             | 81       | П        | 寸         | 十        | 1         | ✝        |          |               |       |       | 131      |          |          |          |          | _             | П        | 一        | $\dashv$  | $\neg$   |
|        | 32         |         |  | $\top$    | $\Box$         |                  |            |             | 82       |          | 寸         | 1        | $\top$    | +-       |          | $\neg \vdash$ |       |       | 132      | Ħ        |          |          |          |               | Н        | $\dashv$ | $\dashv$  | ᅥ        |
|        | 33         |         |  | П         |                |                  |            |             | 83       |          | $\dashv$  | $\top$   | 1         | T        |          | $\dashv$      | 1     |       | 133      |          |          |          | $\neg$   |               |          | $\dashv$ | 寸         | $\neg$   |
|        | 34         |         | 1 1  | $\top$    |                |                  |            |             | 84       |          | 寸         | $\top$   |           | 1        |          | $\top$        | 1     |       | 134      |          | П        |          |          |               |          | $\neg$   | 7         | $\dashv$ |
|        | 35         |         | 11   | $\top$    |                | 1                |            |             | 85       | $\Box$   | 寸         | _        | ╅         |          |          |               |       | _     | 135      |          |          | $\neg$   |          |               |          |          | コ         | $\dashv$ |
|        | 36         |         |  | $\top$    |                |                  |            |             | 86       | П        | $\exists$ | _        | 1         |          |          |               |       |       | 136      |          |          | $\dashv$ | $\neg$   |               |          | $\neg$   | 十         | ヿ        |
|        | 37         |         | $\vdash$   | 11        |                | 11               | -          |             | 87       | $\Box$   | $\dashv$  | _        |           |          |          | _             |       |       | 137      |          |          | $\neg$   | コ        | _             |          | $\neg$   | 十         | $\dashv$ |
|        | 38         |         |  | $\dagger$ | $\Box$         | $\top$           |            |             | 88       | $\sqcap$ | 十         | $\top$   | $\top$    | ✝        |          | _             |       |       | 138      |          | $\dashv$ | -        | $\dashv$ | 7             |          | $\dashv$ | $\dashv$  | ᅱ        |
|        | 39         |         | $\top \top$                                      | +         | $\neg$         | $\dashv \dashv$  |            |             | 89       | $\Box$   | $\dashv$  | +        | $\top$    |          | Н        | $\top$        |       |       | 139      | $\vdash$ | $\vdash$ | $\dashv$ | $\dashv$ |               | $\vdash$ | $\dashv$ | 寸         | ᅱ        |
|        | 40         | $\top$  |  | 1         | $\neg \dagger$ |                  | -          |             | 90       | $\Box$   | 寸         | $\dashv$ | 十         |          | Н        |               | 1     |       | 140      | Н        | Н        | $\dashv$ | $\dashv$ | $\neg$        | $\vdash$ | $\dashv$ | $\dashv$  | $\dashv$ |
|        | 41         | 1       |  | $\Box$    | $\dashv$       |                  | -          |             | 91       | П        | 十         | _        | +-        | 1        | $\vdash$ | $\top$        | 1     |       | 141      |          |          |          | $\dashv$ | $\dashv$      |          | $\dashv$ | $\dashv$  | $\dashv$ |
|        | 42         |         |  |           | 十              |                  |            |             | 92       | $\Box$   | 一         | ┪        | ╁         | Т        | $\vdash$ | $\neg \vdash$ |       |       | 142      |          |          | $\dashv$ | _        | $\dashv$      | $\dashv$ | $\dashv$ | $\dashv$  | ᅱ        |
|        | 43         | 7       |  | 1 1       | 十              | $\dashv$         |            |             | 93       | П        | $\dashv$  | +        | 1         | $\Box$   | $\vdash$ |               |       |       | 143      | Н        |          | $\dashv$ | 一        | -1            | $\dashv$ | $\dashv$ | $\dashv$  | ᅥ        |
|        | 44         |         | $\top \top$                                      | 11        | $\dashv$       | $\dashv$         |            |             | 94       | Н        | 十         | +        | †         |          | H        | +             |       |       | 144      | Н        |          | $\dashv$ | -        | -             |          | $\dashv$ | $\dashv$  | ᅱ        |
|        | 45         | +       |  | +         | 1              | $\dashv$         |            |             | 95       | H        | 十         | $\top$   | +         | $\vdash$ | $\vdash$ |               |       |       | 145      | $\vdash$ | $\dashv$ | ┪        | $\dashv$ |               | $\dashv$ | 十        | +         | $\dashv$ |
|        | 46         | +       |  | +-+       | 7              | $\dashv \dashv$  |            |             | 96       | H        | $\dashv$  | $\dashv$ | $\dagger$ | $\vdash$ |          | $\top$        |       |       | 146      |          | -        | $\dashv$ | -        | ᅱ             |          | 十        | $\dashv$  | $\dashv$ |
|        | 47         | $\top$  |  | 1-1       | $\dashv$       |                  |            |             | 97       | $\Box$   | $\dashv$  | +        | +         | $\vdash$ |          |               |       | _     | 147      |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      |          | $\dashv$ | +         | $\dashv$ |
|        | 48         | 11      | <del>                                     </del> | 1-1       | $\dashv$       | $\dashv$         |            |             | 98       | $\vdash$ | $\dashv$  | +        | +         | $\vdash$ | -        |               |       |       | 148      |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      |          | $\dashv$ | $\dashv$  | $\dashv$ |
|        | 49         | V       | $\vdash$   | +-        | +              | <del>     </del> | -          |             | 99       | $\vdash$ | $\dashv$  | +        | +         | $\vdash$ | $\dashv$ |               |       |       | 149      | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | -             | $\dashv$ | $\dashv$ | +         | $\dashv$ |
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|        |            |         |  |           |                |                  |            |             | 100      |          |           | _        | ٠         | ш        |          | 1             | :     |       | 130      | ш        |          |          |          |               |          | L        | ᆚ         |          |